

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S171	33	(US-20020159431-\$ or US-20010038620-\$ or US-20020163879-\$ or US-20030072255-\$ or US-20050208959-\$ or US-20070140167-\$ or US-20080008212-\$ or US-20010021182-\$ or US-20030067999-\$ or US-20040037257-\$ or US-20040001429-\$ or US-20020154705-\$ or US-20050047347-\$).did. or (US-7310304-\$ or US-7006464-\$ or US-6850481-\$ or US-6611231-\$ or US-6473467-\$ or US-6937592-\$ or US-6888899-\$ or US-7313126-\$ or US-6802035-\$ or US-6490461-\$ or US-6032047-\$ or US-6721299-\$ or US-6643275-\$ or US-6879579-\$ or US-7266087-\$ or US-6694147-\$ or US-6553540-\$ or US-7023826-\$ or US-7548506-\$ or US-7551546-\$).did.	US-PGPUB; USPAT	ADJ	ON	2010/04/21 16:39
S172	6	S171 and pilot same (channel with estimat\$4) and (random access channel)	US-PGPUB; USPAT	ADJ	ON	2010/04/21 16:40
S173	8	S171 and pilot and (channel with estimat\$4) and (random access channel)	US-PGPUB; USPAT	ADJ	ON	2010/04/21 16:41
S174	23	("20030123389"   "6144711"   "6292917"   "6298092"   "6654613"   "6693992"   "6760313"   "6801790"   "6847828"   "6862271"   "6888899"   "6950632"   "6956906"   "6996380"   "7020482"   "7020490"   "7116652"   "7120199"   "7149239"   "7158563"   "7242727"   "7260153"   "7392014").PN.	US-PGPUB; USPAT	ADJ	ON	2010/04/21 16:42

S175	2	((("20020163879") or ("7023826")).PN.	US-PGPUB; USPAT	OR	OFF	2010/04/21 16:44
L1	0	((("20030123389"   "6144711"   "6292917"   "6298092"   "6654613"   "6693992"   "6760313"   "6801790"   "6847828"   "6862271"   "6888899"   "6950632"   "6956906"   "6996380"   "7020482"   "7020490"   "7116652"   "7120199"   "7149239"   "7158563"   "7242727"   "7260153"   "7392014").PN.	US-PGPUB; USPAT	OR	OFF	2010/04/23 10:19
L2	47	((("20030123389"   "6144711"   "6292917"   "6298092"   "6654613"   "6693992"   "6760313"   "6801790"   "6847828"   "6862271"   "6888899"   "6950632"   "6956906"   "6996380"   "7020482"   "7020490"   "7116652"   "7120199"   "7149239"   "7158563"   "7242727"   "7260153"   "7392014").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/23 10:20
L3	4	((("6792041") or ("20030202612") or ("20060077935") or ("20040156328")).PN.	US-PGPUB; USPAT	OR	OFF	2010/04/23 10:21
L4	10	((("6594473") or ("6920192") or ("7020110") or ("7103325") or ("7133459") or ("7260366") or ("7308035") or ("7327800") or ("7573805") or ("20030112745")).PN.	US-PGPUB; USPAT	OR	OFF	2010/04/23 10:25
L5	11	((("6141388") or ("6532225") or ("6760882") or ("6847828") or ("6940917") or ("7035359") or ("7095709") or ("7164669") or ("7248841") or ("7283508") or ("7551580")).PN.	US-PGPUB; USPAT	OR	OFF	2010/04/23 10:27

L7	23	("20030123389"   "6144711"   "6292917"   "6298092"   "6654613"   "6693992"   "6760313"   "6801790"   "6847828"   "6862271"   "6888899"   "6950632"   "6956906"   "6996380"   "7020482"   "7020490"   "7116652"   "7120199"   "7149239"   "7158563"   "7242727"   "7260153"   "7392014").PN.	US-PCPUB; USPAT	ADJ	ON	2010/04/23 10:29
L6	15	((("20010031621") or ("20020071445") or ("20020126803") or ("20030043887") or ("20030060173") or ("20030076797") or ("20030086514") or ("20030092456") or ("20030123381") or ("20030128658") or ("20030147371") or ("20030153320") or ("20030157953") or ("20030161282") or ("20030165189"))).PN.	US-PCPUB; USPAT	OR	OFF	2010/04/23 10:29
L9	62	((3 or 14 or 15 or 16 or 17)	US-PCPUB; USPAT	ADJ	ON	2010/04/23 10:30
L8	34	((3 or 14 or 15 or 16 or 17) and MIMO	US-PCPUB; USPAT	ADJ	ON	2010/04/23 10:30
L10	3	((3 or 14 or 15 or 16 or 17) and pilot and schedul\$4 same (channel or forward or uplink or downlink) and (RACH or random access channel) same request\$4	US-PCPUB; USPAT	ADJ	ON	2010/04/23 10:31
L12	3	((3 or 14 or 15 or 16 or 17) and pilot and schedul\$4 and (forward\$ or uplink or downlink or control\$4) with channel and (RACH or random access channel) same request\$4	US-PCPUB; USPAT	ADJ	ON	2010/04/23 10:33
L11	3	((3 or 14 or 15 or 16 or 17) and pilot and schedul\$4 and (forward\$ or uplink or downlink or control\$4) with channel and (RACH or random access channel) same request\$4	US-PCPUB; USPAT	ADJ	ON	2010/04/23 10:33

L18	216	pilot same channel with estimat\$ and schedul\$4 and (forward\$ or uplink or downlink or control\$4) with channel and (RACH or random access channel) same request\$4	US-PGPUB; USPAT	ADJ	ON	2010/04/23 10:34
L17	0	pilot same channel with estimat\$and schedul\$4 and (forward\$ or uplink or downlink or control\$4) with channel and (RACH or random access channel) same request\$4	US-PGPUB; USPAT	ADJ	ON	2010/04/23 10:34
L16	216	pilot same channel with estimat\$ and schedul\$4 and (forward\$ or uplink or downlink or control\$4) with channel and (RACH or random access channel) same request\$4	US-PGPUB; USPAT	ADJ	ON	2010/04/23 10:34
L15	354	pilot and schedul\$4 and (forward\$ or uplink or downlink or control\$4) with channel and (RACH or random access channel) same request\$4	US-PGPUB; USPAT	ADJ	ON	2010/04/23 10:34
L14	3	(I3 or I4 or I5 or I6 or I7) and pilot and schedul\$4 and (RACH or random access channel)	US-PGPUB; USPAT	ADJ	ON	2010/04/23 10:34
L13	3	(I3 or I4 or I5 or I6 or I7) and pilot and schedul\$4 and (RACH or random access channel) same request\$4	US-PGPUB; USPAT	ADJ	ON	2010/04/23 10:34
L19	20	pilot same channel with estimat\$ and schedul\$4 and (forward\$ or uplink or downlink or control\$4) with channel and (RACH or random access channel) same request\$4 and @ad< = "20031031"	US-PGPUB; USPAT	ADJ	ON	2010/04/23 10:35
L20	1	10/693419.app. and configur \$ with channel	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/23 11:25

L21	35	(US-20020159431-\$ or US-20010038620-\$ or US-20020163879-\$ or US-20030072255-\$ or US-20050208959-\$ or US-20070140167-\$ or US-20080008212-\$ or US-20010021182-\$ or US-20030067999-\$ or US-20040037257-\$ or US-20040001429-\$ or US-20020154705-\$ or US-20050047347-\$ or US-20030119452-\$).did. or (US-7310304-\$ or US-7006464-\$ or US-6850481-\$ or US-6611231-\$ or US-6473467-\$ or US-6937592-\$ or US-6888899-\$ or US-7313126-\$ or US-6802035-\$ or US-6490461-\$ or US-6032047-\$ or US-6721299-\$ or US-6643275-\$ or US-6879579-\$ or US-7266087-\$ or US-6694147-\$ or US-6553540-\$ or US-7023826-\$ or US-7548506-\$ or US-7551546-\$ or US-7480278-\$).did.	US-PGPUB; USPAT	ADJ	ON	2010/04/23 11:28
L22	33	(I21 or I9) and (pilot or broadcast\$4) same (time or size or duration) with channel	US-PGPUB; USPAT	ADJ	ON	2010/04/23 11:29
L23	14	(I21 or I9) and (pilot or broadcast\$4) same (time or size or duration) with channel same (RACH or random access or forward or uplink or downlink or reverse)	US-PGPUB; USPAT	ADJ	ON	2010/04/23 11:30
L26	2	L24 and (time or size or duration) same channel	US-PGPUB; USPAT	ADJ	ON	2010/04/23 11:32
L25	0	L24 and (time or size or duration) with channel same (RACH or random access or forward or uplink or downlink or reverse)	US-PGPUB; USPAT	ADJ	ON	2010/04/23 11:32
L24	2	((("20020163879") or ("7023826")).PN.	US-PGPUB; USPAT	OR	OFF	2010/04/23 11:32
L27	2	L24 and (time or size or duration)	US-PGPUB; USPAT	ADJ	ON	2010/04/23 11:33

L28	4	((I21 or I9) and (pilot or broadcast\$4) same (size or duration) with channel same (RACH or random access or forward or uplink or downlink or reverse)	US-PGPUB; USPAT	ADJ	ON	2010/04/23 11:45
L29	1	((I21 or I9) and (pilot or broadcast\$4) same (size or duration) with channel same (RACH or random access or forward or uplink or downlink or reverse) and broadcast\$4 same setup	US-PGPUB; USPAT	ADJ	ON	2010/04/23 11:51
L30	1	((I21 or I9) and broadcast\$4 same setup same message	US-PGPUB; USPAT	ADJ	ON	2010/04/23 11:52
L31	1	((I21 or I9) and broadcast\$4 same setup same message and MBMS	US-PGPUB; USPAT	ADJ	ON	2010/04/23 11:55
L32	1	((I21 or I9) and broadcast\$4 same setup same message and (broadcast\$4 or pilot\$4) same MBMS same message	US-PGPUB; USPAT	ADJ	ON	2010/04/23 11:57
L34	1	((US-20030119452-\$).did. and schedul\$	US-PGPUB	ADJ	ON	2010/04/23 12:04
L33	1	((US-20030119452-\$).did.	US-PGPUB	ADJ	ON	2010/04/23 12:04
L35	0	((US-20030119452-\$).did. and schedul\$ and (SIMO or MIMO or beam steer\$4 or spatial multiple\$4)	US-PGPUB	ADJ	ON	2010/04/23 12:36
L36	3	I33 or I24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/04/23 12:56
L37	1	((US-7480278-\$).did.	USPAT	ADJ	ON	2010/04/23 13:00
L40	6	((I21 or I9) and (beam steer \$4 or SIMO or MIMO) same (spatial\$4 or antenna) and pilot and random access channel	US-PGPUB; USPAT	ADJ	ON	2010/04/23 13:01
L39	48	((I21 or I9) and (beam steer \$4 or SIMO or MIMO) same (spatial\$4 or antenna)	US-PGPUB; USPAT	ADJ	ON	2010/04/23 13:01
L38	53	((I21 or I9) and (beam steer \$4 or SIMO or MIMO)	US-PGPUB; USPAT	ADJ	ON	2010/04/23 13:01
L41	1	10/693532.app.	US-PGPUB; USPAT	ADJ	ON	2010/04/23 13:02

L42	54	( "20020122393"   "20020154705"   "20020193146"   "20030125040"   "20030153320"   "20030202492"   "20030202612"   "20040037257"   "20040042556"   "20040047292"   "20040176097"   "20050208959"   "20060077935"   "20060183497"   "4750198"   "4797879"   "5404355"   "5506861"   "5509003"   "5638369"   "5677909"   "5729542"   "5867539"   "5959965"   "5982327"   "6049548"   "6314113"   "6330293"   "6330462"   "6333953"   "6351499"   "6363267"   "6532225"   "6697346"   "6731668"   "6735188"   "6868079"   "6879579"   "6920194"   "6940917"   "6952426"   "6956813"   "6636568"   "6792041"   "7006464"   "7095709"   "7164669"   "7190749"   "7283508"   "7292854"   "7453844"   "7551546"   "7023826"   "7548506").PN.	US-PGPUB; USPAT	ADJ	ON	2010/04/23 13:03
L44	40	(I21 or I9) and (beam steer \$4 or SIMO or MIMO) same (spatial\$4 or antenna) same channel	US-PGPUB; USPAT	ADJ	ON	2010/04/23 13:09
L43	0	(I21 or I9) and (beam steer \$4 or SIMO or MIMO) same (spatial\$4 or antenna) same random access channel	US-PGPUB; USPAT	ADJ	ON	2010/04/23 13:09
L46	7	(I21 or I9) and (steer\$4 ) same ( SIMO or MIMO) same (spatial\$4 or antenna) same (channel or random access or RACH)	US-PGPUB; USPAT	ADJ	ON	2010/04/23 13:11
L45	1	(I21 or I9) and (steer\$4 ) same ( SIMO or MIMO) same (spatial\$4 or antenna) same (channel random access or RACH)	US-PGPUB; USPAT	ADJ	ON	2010/04/23 13:11
L47	40	(I21 or I9) and spatial\$	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:34

L48	30	((I21 or I9) and spatial\$ with (process\$4 or multiplex\$)	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:35
L50	4	pilot same channel with estimat\$ and schedul\$4 and (forward\$ or uplink or downlink or control\$4) with channel and (RACH or random access channel) same request\$4 and 375/276,299,346-347.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:46
L49	13	pilot same channel with estimat\$ and schedul\$4 and (forward\$ or uplink or downlink or control\$4) with channel and (RACH or random access channel) same request\$4 and 370/310,328,347.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:46
L54	310	((STEVEN) near2 (HOWARD)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:47
L53	157	((JOHN) near2 (KETCHUM)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:47
L52	256	((MARK) near2 (WALLACE)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:47
L51	175	((J) near2 (WALTON)).INV.	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:47
L56	187	(I51 or 52 or 53 or 54) and pilot with channel with estimat\$	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:48
L55	0	(I151 or "I152" or "I153" or "I154") and pilot with channel with estimat\$	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:48
L58	283	pilot with channel with estimat\$ and (RACH or random access channel) same request\$4	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:49
L57	19	(I51 or 52 or 53 or 54) and pilot with channel with estimat\$ and (RACH or random access channel) same request\$4	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:49
L60	19	I58 and 370/310,328,347.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:50
L59	4	I58 and 375/276,299,346-347.ccls.	US-PGPUB; USPAT	ADJ	ON	2010/04/23 14:50

## EAST Search History (Interference)

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